Reg. No. : ....

Name : ....

V Semester B.Sc. Degree (CBCSS – 2014 Admn. – Regular)
Examination, November 2016
CORE COURSE IN COMPUTER SCIENCE
5B11CSC : Linux Administration

Time : 3 Hours

Max. Marks : 40

SECTION – A

1. **One** word answer : (8×½=4)

    a) Command used to search a pattern in a file is _____.

    b) The file system built on the floppy disk can be linked into the existing file system on the hard disk using _____ command.

    c) The person assigned to manage all of a Linux system's resources is called _____.

    d) Which command is used to check the number of files and disk space used and each user's defined quota ?

    e) _____ command is used for creating a new user account.

    f) Which file does contain the password of user ?

    g) Which command is used to create a swap file system on a device or file ?

    h) The default Linux boot loader is _____.

SECTION – B

Write short notes on **any seven** of the following questions : (7×2=14)

2. What is Linux and why is it so popular ?

3. What is SUDO ?

4. What are the disadvantages of vi editor ?

5. What is a shell ?

6. What are the qualities of soft links ?

7. What is LILO ?

8. List any four features of GRUB.

9. What is partial backup ?

10. What are the run levels in Linux ?

11. What are the features of RPM ?

SECTION – C

Answer **any four** of the following questions : (4×3=12)

12. Write a shell program to find a biggest number among three numbers.

13. Write about read, write and execute permissions on files and directories in Linux.

14. What are the qualities of good backup ?

15. What are the duties of Linux System Administrator ?

16. State the difference between GRUB and LILO.

17. Write a note on cron for software update.

SECTION – D

Answer **any two** of the following questions : (2×5=10)

18. Explain different directories in Linux.

19. Explain useradd command with options.

20. Explain mount command with 5 options.

21. Explain file compression in Linux.

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